

#### POTENTIAL HAZARDOUS WASTE SITE

#### PRELIMINARY ASSESSMENT

hevron USA		NJD081982902
ite Name		EPA Site ID Number
200 State St. Per	rth Amboy, NJ	02-8408-01
Address	Y	TDD Number
Date of Site Visi	t: Off-site reco	onnaissance by NUS Corp., FIT II, 8/16/84
ITE DESCRIPTI	ON	
		refinery, covering approximately 400 acres. There
ight different was	ste locations on	the property. Five locations contain leaded tank
ottoms, one contai uantities are unkr	ins vanadium pen nown except for	toxide and two contain unknown chemicals. All the vanadium pentoxide, which is 200 lbs. All wast
ere buried or depo	osited on the gr	ound. Seven of the locations are adjacent to surfa
aters. The waste	locations fall	roughly on a line about one mile long.
	i.	
PIOPITY FOR I	FIIDTHED AC	TION: High v Medium Low
PRIORITY FOR	FURTHER AC	TION: High x Medium Low
PRIORITY FOR I	r h	TION: High X Medium Low
ECOMMENDAT	MONS	termine extent of contamination.
ECOMMENDAT	MONS	

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# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
OI STATE 02 SITE NUMBER
NJ D081982902

	FANTI	- SITE INFORMA	HUR AF	IN 422522	MEN!				
II. SITE NAME AND LOCATION	4								
O1 SITE NAME (Logal common, or descriptive name of sha)			02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER						
Chevron USA		1200 State St.							
03 017					06 COUNTY	07COUNTY	108 CONG		
Perth Amboy			NJ	08861	Middlesex	23	DIST		
09 COORDINATES LATITUDE	LON	GITUDE	<del>  '''</del>	00001	Hiduresex	1 23	15		
<u>4 0 3 2 0 4 N</u>	0 7 40 1	5 4 2" W							
From NJ Turnpike Exit #10, t		Pte 514 (Wood	lbri dan	Avonuo) on	at to Ambay Ava 3-1	Jan 44	+		
right and follow rd. and it	will become	New Brunswick	Ave 8	fter about	2 miles turn left	vooabriage.	lurn		
Ambov Ave. in Perth Ambov to	Plant, abo	ut 1 3/4 miles	Turr	right on	Mauror at Gas Station	north) onto	) . wal		
through plant to State St.	i.		- 1011	Trylle on	Hadrer ac das scacior	and Torrow	· ru.		
OI OWNER (# Mount)	<del> </del>	<del></del>	02 STREE	l (Business, manny,		· · · · · · · · · · · · · · · · · · ·			
ł .				•	re sidential				
Chevron USA	-			tate St.					
wair	r		04 STATE	OS ZIP CODE	06 TELEPHONE NUMBER		•		
Perth Amboy			NJ	08861	(201 ) 738-2000	_			
07 OPERATOR (If known and different from owner)			OB STREET	(Business, making,	residentia)				
Chevron USA				State St.	· · · · · · · · · · · · · · · · · · ·				
OP CITY			10 STATE	1 I ZIP CODE	12 TELEPHONE NUMBER				
Perth Amboy			NJ	08861	(201 ) 738-2000	1			
13 TYPE OF OWNERSHIP (Check one)									
🖄 A. PRIVATE 🗆 B. FEDER	AL:	(Agency name)		. C. STAT	TE D.COUNTY DE.M	UNICIPAL			
☐ F. OTHER:	. (Spech	,,		. G. UNK	NOWN		-		
14 OWNER/OPERATOR NOTIFICATION ON FILE	, , , , , , , , , , , , , , , , , , , ,		<del></del>						
☐ A. RCRA 3001 DATE RECEIVED: MO		2 B. UNCONTROLL	ED WASTE	SITE (CERCLA 10	DATÉ RECEIVED: 6	5 /81 □c	NONE		
IV. CHARACTERIZATION OF POTENTI					MONTH	DAY YEAR			
01 ON SITE INSPECTION		ch of that apply!	·						
☐ YES DATE/_/	. A. E		CONTRA	_	C. STATE D. OTHER	CONTRACTOR			
NO MONTH DAY YEAR	U E. L	OCAL HEALTH OFFI	CIAL	F. OTHER: _	(Soecity)				
	CONTE	RACTOR NAME(S):							
02 SITE STATUS (Check one)	į.	03 YEARS OF OPERA	_	1 -					
△ A. ACTIVE □ B. INACTIVE □ C	. UNKNOWN		946 EGINNING YE	Prese		<b>N</b>	•		
04 DESCRIPTION OF SUBSTANCES POSSIBLY PI Leaded tank bottoms, vanadium around the refinery.	RESENT, KNOWN, pentoxide	ORALLEGED and unknown ma	aterials	buried, p	iled and filled in e	ight locatio	ons		
							•		
05 DESCRIPTION OF POTENTIAL HAZARD TO EN	VIRONMENT AND/	OR POPULATION			<del></del>				
Potential for contamination o	f Woodbride	a Crack Sna S	innina (	mook and A	mehilm Kill ili ili ili				
off. Potential for groundwat	er contamin	ation also ovi	cte	ileek allu A	rullur Kill via ground	iwater or ru	un-		
	ci concamin		363.						
V. PRIORITY ASSESSMENT	*								
01 PRIORITY FOR INSPECTION (Check one. # high or				2 0					
© A. HIGH ☐ B. M	EDIUM	C. LOW		D. NON	_	Sition form)			
VI. INFORMATION AVAILABLE FROM	, k	<del></del>							
01 CONTACT	<del>-</del>	02 OF (Agency/Organizat	hon)			03 TELEPHONE	NUMBER		
Mark Haulenbeek		US EPA Reg				(201) 321-	6685		
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	TOO ORGAN	IZATION	07 TELEPHONE NUMBER	08 DATE			
	1				(201 ) 225-6160	1 ~ ~~	, 84		
Joseph W. Logan			NUS Co	rp. FIT II	1201 1 223-0100	MONTH DAY	YEAR		

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#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

OI STATE OZ SITE NUMBER - N.I. DOR 1982902

VL			PART 2 - WAS	TE INFORMATIO	N .	NJ D081	982902
	STATES, QUANTITIES, AF						
	<b>\</b> - • •	02 WASTE QUAL	4 of verse management	1	CTERISTICS (Check at in	el epolyi	
A SOUD DE SLURRY .		TONS	Unknown	☐ A. TOXIC ☐ E. SOLUBLE ☐ I. HIGHLY VOLATILE ☐ B. CORROSIVE ☐ F. INFECTIOUS ☐ ☐ EXPLOSIVE			
Ø C. SLUDG			Unknown	C. RADI	OACTIVE & G. FL.	AMMABLE LI K. REAC	TIVE
□ D. OTHE	(Specify)	NO. OF DRUMS			<b>2.00</b>		APPLICABLE
III. WASTE		INO. OF UNIONS			<del></del>	<del></del>	·
CATEGORY	SUBSTANCE N	IAME	01 GROSS AMOUNT				·
SLU	SLUDGE	1	Unknown	02 UNIT OF MEASU			·
OLW	OILY WASTE		Unknown	<del></del>		<u>ntities of leaded</u>	tank bottom
SOL	SOLVENTS		OII KIIOWII .	<del> </del>	and other u	nknown wastes.	
PSO	PESTICIDES	j.	<del>                                     </del>	<del> </del>	<del></del>		·
occ	OTHER ORGANIC CH	HEMICALS	Unknown	<del>                                     </del>		<del></del>	
IOC.	INORGANIC CHEMIC	ALS	OTRIONI	<del> </del>		eportedly washed	from tank
ACD	ACIDS			<del>}</del>	trailers in	to pit.	
BAS	BASES	<u> </u>		<del>                                     </del>	<del> </del>		
MES	HEAVY METALS		200	16.	Vanadium ne	ntoxide catalyst	
IV. HAZARD	OUS SUBSTANCES (See AG	pendu for most freque		1 10.	T variation per	TOXIDE Catalyst	
1 CATEGORY	02 SUBSTANCE NA		03 CAS NUMBER	04 STORAGE/DI	ISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF
SLU	Tank bottoms, leade	eď	Unknown	Burial		Unknown	CONCENTRATION
OLW	Tank bottoms, leade		Unknown	Burial		Unknown	<del>                                     </del>
MES	Vanadium Pentoxide	i i	1314-62-1	Burial		Unknown	<del></del>
SLU	Tank bottoms, leade	ed .	Unknown	Weathering	g area	Unknown	<del></del>
OLW	Tank bottoms, leade	ed	Unknown	Weathering		Unknown	<del></del>
				1	<u> </u>	OTRITOWIT	<del> </del>
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•		·			<u></u> -	<del></del>	
. FEEDSTO	CKS (See Appendix for CAS Mumber)			<u> </u>		1	<u> </u>
CATEGORY	01 FEEDSTOCK		02 CAS NUMBER	CATEGORY	01 555061	2004 11115	
FDS			ot the moment	FDS	OTPEEDS	OCK NAME	02 CAS NUMBER
FDS		· ·	<del>                                     </del>				
FDS	<del>- </del>	<u> </u>		FOS FOS			
FDS		<del></del>	<del> </del>	FDS	,	<del></del>	
SOURCES	OF INFORMATION (Cre so		1				
	ion of Hazardous Wa			novite j			· · · · · · · · · · · · · · · · · · ·
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## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

		IFICATION
01	STATE	02 SITE NUMBER
1	۱J ا	D081982902

PART 3 - DES	CRIPTION OF H	AZARDOUS CONDITIONS AND IN	CIDENTS	10 0	0081982902
IL HAZARDOUS CONDITIONS AND INCIDE					
01 D A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:		02 D OBSERVED (DATE:	)	POTENTIAL	☐ ALLEGED
Potential exists for buried co Surface water courses coincide	ontaminants to with property	enter groundwater. y lines, thus groundwater wou	ıld probab	ly be inter	cepted by
surfacewater at property line.			•	Ž	
01 🖾 8. SURFACE WATER CONTAMINATION		02 OBSERVED (DATE:	^		
US POPOLATION POTENTIALLY APPECTED:		04 NARRATIVE DESCRIPTION		POTENTIAL	ALLEGED
Potential exists for surface w	/ater contamina	ation via groundwater contami	ination.	Burial site	es are located
within 1000' of streams. All	Duriai sites (	do not drain into plant's of	ly water (	collection	system.
01 & C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:	Unknown	02 C OBSERVED (DATE:	) 🔊	POTENTIAL	ALLEGED
Potential exists for release o	of hydrocarbon		•		
		•			
01 🖄 D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED:	Unknown	02 OBSERVED (DATE:	, <u>*</u>	POTENTIAL	□ ALLEGED
Potential exists for fire if c	over is broker				
				•	
01 C E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED:	i	02 G OBSERVED (DATE: 04 NARRATIVE DESCRIPTION	_,	POTENTIAL	ALLEGED
No potential exists. Plant is	completely fo				
	completely is	inced.			
			•		
01 1 F. CONTAMINATION OF SOIL UNKN	IOWN	02 OBSERVED (DATE: 04 NARRATIVE DESCRIPTION	) &	POTENTIAL	ALLEGED.
Contamination of soil restrict		locations.			
•					
	e B				
01 G. DRINKING WATER CONTAMINATION		02 OBSERVED (DATE:	. 0	POTENTIAL	7 5050
03 POPULATION POTENTIALLY AFFECTED: _	<del></del>	04 NARRATIVE DESCRIPTION		PUIENIIAL	□ ALLEGED
Groundwater in area not used fo	or drinking be	cause of salinity.			
					•
	4		-		
01 Ø H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:		02 G OBSERVED (DATE:	_) 🖄 F	POTENTIAL	☐ ALLEGED
Potential exists if disposal an			Rurial lo	cations are	e generally
near plant boundary.	Tour are not .	enced in wronin one piano.	<b>Dui 14.</b>		, ganera
	į	•			
01 I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED:		02 OBSERVED (DATE:	_) OP	POTENTIAL	☐ ALLEGED
Plant is fenced in, so there is		<b>04 NARRATIVE DESCRIPTION</b> <pre>potential for general potent</pre>	ial exposi	uro .	
		poddining for gameran possing	iui capos.		

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### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

	I. IDENTIFICATION		
	O1 STATE	02 SITE NUMBER	
- 1	A1 7	000100000	

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS NJ | D081982902 IL HAZARDOUS CONDITIONS AND INCIDENTS (Community 01 Q J. DAMAGE TO FLORA 02 C OBSERVED (DATE: \_\_ **☑ POTENTIAL** ☐ ALLEGED 04 NARRATIVE DESCRIPTION Potential exists via surface water routes. 01 CK. DAMAGE TO FAUNA 02 C OBSERVED (DATE: \_\_\_ M POTENTIAL C ALLEGED 04 NARRATIVE DESCRIPTION (Include name(s) of species) Potential exists via surface water routes. 01 D L. CONTAMINATION OF FOOD CHAIN 02 C OBSERVED (DATE: . 2 POTENTIAL ☐ ALLEGED **04 NARRATIVE DESCRIPTION** Potential exists via surface water routes. 01 夕 M. UNSTABLE CONTAINMENT OF WASTES 02 C OBSERVED (DATE: \_ IN POTENTIAL ALLEGED 03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION Wastes were buried, no details of containment. Potential exists for contaminant migration from site. 01 ID N. DAMAGE TO OFFSITE PROPERTY 02 OBSERVED (DATE: \_\_\_ D POTENTIAL ☐ ALLEGED **04 NARRATIVE DESCRIPTION** Potential exists for runoff to enter adjacent properties. 01 0 O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 0 OBSERVED (DATE: \_\_\_\_ M POTENTIAL C ALLEGED 04 NARRATIVE DESCRIPTION Most of plant drains to an oily water collection system, but some burial sites appear to be outside of this system. Contaminants could run off site to municipal storm drains. 01 P. ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE: \_\_\_ ☐ POTENTIAL ☐ ALLEGED 04 NARRATIVE DESCRIPTION No potential exists. 05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS III. TOTAL POPULATION POTENTIALLY AFFECTED: Linknown IV. COMMENTS The plant, a refinery, covers a large area with 8 different burial locations and possibly four types of waste. Refinery covers about 400 acres and the burial sites generally follow a line a mile long. V. SOURCES OF INFORMATION (Can apache references, e.g., state time, sample analysis, reports) Notification of Hazardous Waste Site Form US EPA - Edison Files US EPA - Federal Plaza Files